

- Don't throw empty cans, bottles etc. overboard. Keep garbage properly contained until you reach an onshore disposal site.
- Make sure that onboard sanitary facilities are in good operating condition.
- Marina operators should ensure that fuel storage tanks are not leaking and that caution is exercised in the filling of fuel tanks on pleasure boats.

TIPS FOR YOUR WATER SUPPLY

Although not covered by the Boating and Marina Regulations, the safety of your water supply should receive your careful consideration.

If you have a fresh water tank aboard your boat, refill this tank only from an assured safe supply such as a municipal water system. If you are in any doubt as to the safety of the supply, you should boil or chlorinate the water before use. Furthermore, if you suspect the purity of the water in the fresh water tank, you should disinfect and flush the tank. To do so, follow this simple procedure:

Fill the tank with water to which has been added one ounce of five percent sodium hypochlorite (household bleach) for each three gallons of water and leave it in the tank for at least twelve hours. Then drain the tank and flush it thoroughly with water from a supply known to be safe.

If you carry water in containers for domestic use, the first requirement is that the container be clean. If the sanitary condition of the cleaned container is in doubt, the procedure for disinfection outlined above may be followed.

The container itself should be distinctive in appearance and should be constructed of a non-corroding material, have a tight-fitting lid or cover, and should not be used for any purpose other than the storage of potable water. Clear labelling of the container may prevent confusion, particularly if you have guests aboard.

ADDITIONAL INFORMATION

If additional information is required contact the local Ministry of Environment office or:

Ontario Ministry of the Environment
135 St. Clair Avenue West
Toronto, Ontario
M4V 1P5

REGIONAL OFFICES

Ministry of the Environment
Northwestern Regional
Office
435 James Street South
Thunder Bay P7C 5G6
Ontario
(807) 475-1205

Ministry of the Environment
Northeastern Regional
Office
199 Larch St.
Sudbury P3E 5P9
Ontario
(705) 522-8282

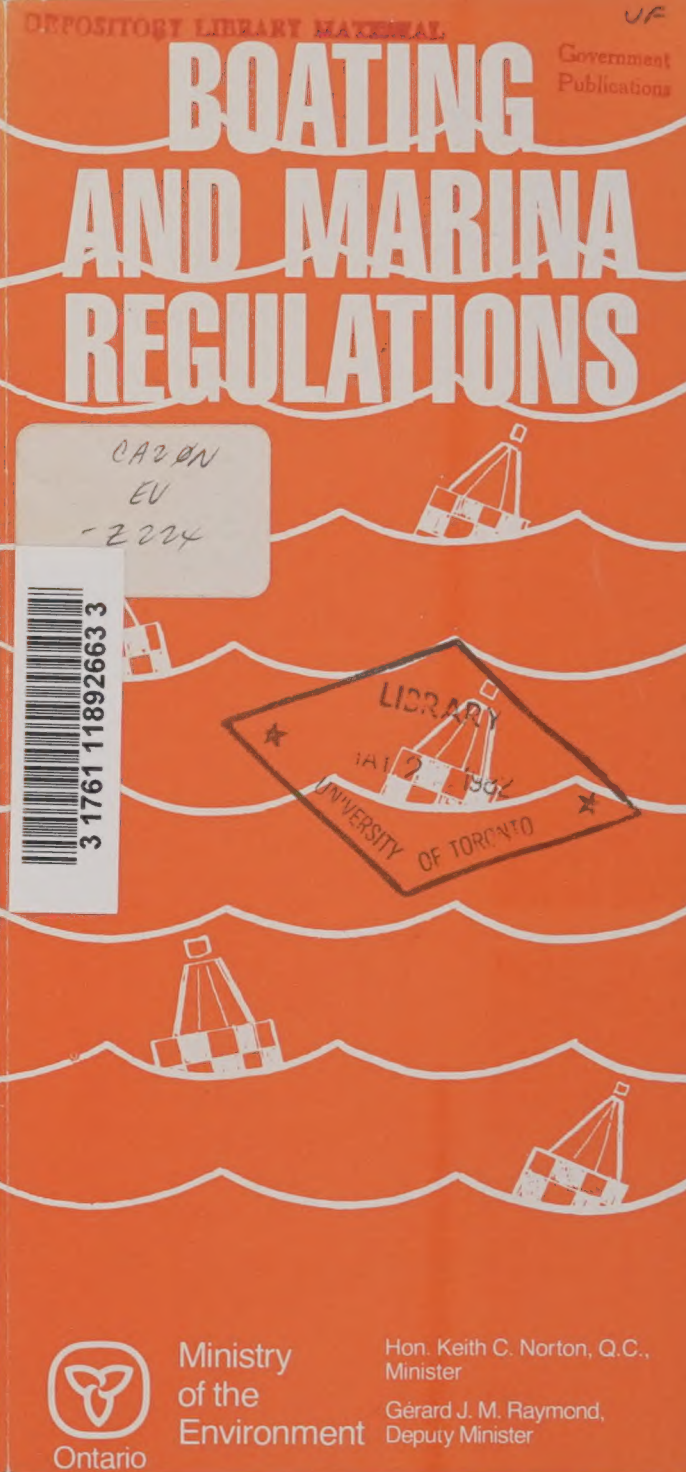
Ministry of the Environment
Southwestern Regional
Office
985 Adelaide Street South
London N6E 1V3
Ontario
(519) 681-3600

Ministry of the Environment
West Central Regional Office
119 King Street West,
Hamilton L8N 3Z9
Ontario
(416) 521-7640

Ministry of the Environment
Central Regional Office
150 Ferrand Drive, Suite 700
Don Mills M3C 3C3
Ontario
(416) 424-3000

Ministry of the Environment
Southeastern Regional
Office
133 Dalton Street
Kingston K7L 4X6
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(613) 549-4000

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INTRODUCTION

Ontario's Boating and Marina Regulations are designed to protect and preserve the waterways of Ontario for the use and pleasure of its citizens and visitors.

Pleasure boat and marina operators have a responsibility to meet the requirements which are intended to prevent the overboard discharge of sewage and garbage, and to provide for the proper disposal of these wastes by land-based facilities.

BOATING REGULATION SUMMARY

1. Sewage in all pleasure craft, including houseboats, must be retained in suitable equipment.
2. Equipment suitable for the purpose of the Regulation includes:
 - (1) Retention devices with or without recirculation features which retain all the toilet waste for disposal ashore, and,
 - (2) Incineration devices which reduce to ash all sewage and toilet wastes.
3. Suitable equipment shall be (1) non-portable, (2) be constructed of structurally sound material, (3) have adequate capacity for expected use, (4) be properly installed, and (5) in the case of storage devices be equipped with the necessary pipes and fittings conveniently located for pump-out by shore-based facilities. (Although not specified, a pump-out deck fitting with 1 $\frac{1}{2}$ inch diameter National Pipe Thread (NPT) is commonly used).

MARINA REGULATION SUMMARY

An Ontario Regulation requires that marinas and yacht clubs provide or arrange pump-out services for customers and members who have toilet equipped boats. In addition, all marinas and yacht clubs must provide litter containers that can be conveniently used by occupants of pleasure boats.


Many of the operators of marinas and yacht clubs offering pump out services display an illustrated sign on or near their property. Note: Marina operators have reported obstruction problems when attempting to pump toilet wastes containing wet-strength paper.

VISITORS

Visiting pleasure boats are required to be in compliance with the Ontario Boating Regulation in all respects, and at all times.

INSPECTION

Boats operating in Ontario waters are subject to routine inspection by Ministry Staff. Operators of boats in compliance will be offered a sticker to show that their boats have passed inspection.



Ministry
of the
Environment
Ontario

**THIS BOAT IS EQUIPPED
FOR POLLUTION CONTROL**

BOAT ID _____

DATE _____

INSPECTOR _____

Ontario Provincial Police and Royal Canadian Mounted Police have also been empowered to inspect craft on behalf of the Ministry. Violators may be fined up to \$5,000.00 on a first offence and \$10,000.00 thereafter.

REGULATION TEXT

The following is the full text of the Boating Regulation made under The Environmental Protection Act.

DISCHARGE OF SEWAGE FROM PLEASURE BOATS

1. In this Regulation,
 - (a) "pleasure boat" means a boat used primarily for the carriage of a person or persons for pleasure, whether on charter or not, and whether for compensation or not, and includes a boat used on water for living purposes;
 - (b) "sewage" means organic and inorganic waste, and includes, fuel, lubricants, litter, paper, plastics, glass, metal containers, bottles, crockery, rags, junk or similar refuse or garbage, and human excrement, but does not include,
 - (i) liquid wastes, free of solids, from water used in a pleasure boat for household purposes, or
 - (ii) exhaust wastes, cooling water and bilge water from a pleasure boat;
 - (c) "storage equipment" means equipment of a design and construction suitable for the storage or the incineration and

storage of human excrement in a pleasure boat including such equipment that is an integral part of a toilet;

- (d) "toilet", in relation to a pleasure boat, means equipment designed and used for defecation or urination by humans.
2. No person shall discharge or deposit, or cause or permit to be discharged or deposited into any water, sewage from a pleasure boat.
3. The owner and the operator of every pleasure boat in which a toilet is installed shall ensure that, while the boat is on the water,
 - (a) the boat is equipped with storage equipment, and
 - (b) such toilet and storage equipment are installed so as to be non-portable.
4. The owner of a pleasure boat in which a toilet or toilets and storage equipment are installed shall ensure that each toilet and the storage equipment are installed so that,
 - (a) the toilet and equipment are connected in such a manner that the equipment receives all toilet waste from the toilet;
 - (b) equipment designed for the storage of human excrement is provided with a deck fitting and such connecting piping as is necessary for the removal of toilet waste by shore-based pumping equipment;
 - (c) no means of removal of toilet waste is provided other than the means in clause b;
 - (d) equipment designed for the incineration and storage of human excrement is supplied with such electrical current or other source of heat as is necessary to reduce to ash all excrement deposited therein; and
 - (e) all parts of the system for removal of toilet waste are congruent with one another and the boat.

HOW TO PREVENT AND REDUCE POLLUTION

- Outboard motors should be kept tuned to the manufacturer's specifications, and motors should not be left idling at dockside.
- Care should be taken when refuelling portable fuel tanks. They should be filled away from the water, if possible, and should not be overfilled.
- The gas-to-oil ratio should be kept at the manufacturer's recommended level. Excessive oil in the fuel generates contaminants.